

In re Appln. of Taniguchi et al.  
Serial No. Unassigned

Claim 3 (Amended), ~~line~~ 1, change "An" to --The--;  
~~line~~ 2, delete "of";  
~~delete~~ "amount".

Claim 4 (Amended), ~~line~~ 1, change "An" to --The--;  
~~lines~~ 1-2, delete "the amount of";  
~~line~~ 3, change "the" (second occurrence) to -a--;  
~~line~~ 4, delete "the amount of";  
~~line~~ 6, change "initial" to --initially--;  
~~line~~ 7, change "to" to --for--.

5. (Amended) [An] The elastic wave generator as claimed in claim 2,

*sub D* <sup>2</sup> wherein [the amount of] the internal stress at [the] a shrink-fit interface between the shrink-fit first end surface of said magnetostriction oscillator and said first support surface of said oscillator support as well as [the amount of] the internal stress at the shrink-fit interface between the shrink-fit second end surface of said magnetostriction oscillator and said second support surface of said oscillator support are [such a stress of the extent] stresses that [provides] provide, together

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Sub  
D,  
cont.

with the magnetic bias produced by said magnetic bias device, an initial set  
compression stress required [to] for said magnetostriction oscillator.

Claim 6 (Amended), ~~line~~ 1, change "An" to --The--;

~~line~~ 5, delete "the";

~~line~~ 7, change "under the" to --in a--.

Claim 7 (Amended), ~~line~~ 1, change "An" to --The--;

~~line~~ 5, delete "the";

~~lines~~ 6-7, change "under the" to --in an--.

Claim 8 (Amended), ~~line~~ 1, change "An" to --The--;

~~line~~ 3, change "by a pardonable material into" to

--in--;

~~delete~~ "the lamination of".

Claim 9 (Amended), ~~line~~ 1, change "An" to --The--;

~~line~~ 2, change "has formed therein" to --includes--;

~~delete~~ ", said pocket";

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~~line 3, delete "with";~~

~~line 5, delete "and";~~

~~line 6, delete "with".~~

Claim 10 (Amended), line 1, change "An" to --The--.

Claim 11 (Amended), ~~line 1, change "An" to --The--;~~

~~line 3, change "by a pardonable amount into" to~~  
--in--;

~~delete "the lamination of";~~

~~line 6, delete "the amount of";~~

~~line 8, delete "the amount of";~~

~~line 11, change "to" to --for--.~~

12. (Amended) [An] The elastic wave generator as claimed in claim 2,  
wherein

said magnetostriction oscillator is made by bonding said magnetostriction  
sheets to each other [by a pardonable material into] in an integral structure of  
[the lamination of] said magnetostriction sheets;

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SUB  
D1  
CONT.

said oscillator support is made of a material having a coefficient of thermal expansion substantially equal to that of said magnetostriction support; and

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[the amount of] the internal stress at the shrink-fit interface between the shrink-fit first end surface of said magnetostriction oscillator and said first support surface of said oscillator support as well as [the amount of] the internal stress at the shrink-fit interface between the shrink-fit second end surface of said magnetostriction oscillator and said second support surface of said oscillator support are [such a stress of the extent] stresses that [provides] provide, together with the magnetic bias produced by said magnetic bias device, an initial set compression stress required [to] for said magnetostriction oscillator.

Claim 13 (Amended), line 1, change "An" to --The--;

change "wherein" to --including--;

line 2, delete "is".

Claim 14 (Amended), line 1, change "An" to --The--;

change "wherein" to --including--;

line 2, delete "is provided";

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line 3, delete "therefrom".

15. (Amended) A magnetostriction oscillator mounting structure for mounting a magnetostriction oscillator to an object to which an elastic wave is [irradiated] to be imparted, said magnetostriction oscillator comprising an excitation coil wound around a stack of [thin] sheets of a metallic magnetostriction material bonded together with an electrically insulating bonding agent for generating an elastic wave in [the] a direction parallel to said [thin sheet by] sheets with an excitation current flowing through said excitation coil[;], said magnetostriction oscillator having two parallel surfaces intersecting at right angles with an elastic wave radiation direction and spaced apart from each other by a distance A at room temperature and a distance A1 at a lower temperature[; said], the object having a hole or a recess having two parallel wall surfaces intersecting at right angles with [said] the elastic wave radiation direction and spaced apart from each other by a distance B at room temperature[; a relationship among said distances being], where  $A > B > A1$ [;], and said magnetostriction oscillator [being] is held in [said] the hole or recess by the shrink-fit against said wall surfaces in which the magnetostriction oscillator is cooled and contracted and then [returning] returned to room

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SUB  
D2  
temperature to expand [said magnetostriction oscillator] within [said] the hole  
or recess.

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Claim 16 (Amended), line 1, change "A" to --The--;

line 2, change "said" to --the--.

Claim 17 (Amended), line 1, change "A" to --The--;

line 2, change "said" to --the--.

Claim 18 (Amended), line 1, change "A" to --The--;

line 2, change "sheet" to --sheets--;

change "is" to --include--;

line 3, delete "the surface of".

Claim 19 (Amended), line 1, change "A" to --The--;

line 2, change "said" to --the--.

Claim 20 (Amended), line 1, change "A" to --The--;

line 2, change "digging" to --drilling--.

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Claim 21 (Amended), ~~line~~ 1, change "A" to --The--;

~~line~~ 2, change "wherein" to --including--;

~~change~~ "is provided" to --located--.

22. (Amended) A method for mounting a magnetostriction oscillator to an object to which an elastic wave is [irradiated] to be imparted, said magnetostriction oscillator comprising an excitation coil wound around a stack of [thin] sheets of a metallic magnetostriction material bonded together with an electrically insulating bonding agent for generating an elastic wave in [the] a direction parallel to said [thin sheet by] sheets with an excitation current flowing through said excitation coil[:], the method comprising:

[a magnetostriction oscillator shaping step for] shaping two opposing elastic wave radiation surfaces formed by stacking said [thin] sheets into two parallel surfaces intersecting at right angles with an elastic wave radiation direction and spaced apart from each other by a distance A at room temperature;

[an object shaping step for] providing a hole or a recess having two parallel wall surfaces intersecting at right angles with [said] the elastic wave radiation direction and spaced from each other by a distance B [at room

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AS  
Amended  
temperature] between two wall surfaces at room temperature [which is], being  
smaller than the distance A;

[a cooling step for] ~~cooling said~~ magnetostriction oscillator until [said]  
the distance A becomes equal to a distance A1, smaller than [said] the distance  
B of [said] the hole or [said] the recess; and

[an insertion step for] inserting the cooled magnetostriction oscillator into  
[said] the hole or recess.

Claim 23 (Amended), line 1, change "A" to --The--;

~~line 2, change "said" to --the--;~~

~~delete "step";~~

~~change "by" to --with--.~~

Claim 24 (Amended), line 1, change "A" to --The--;

line 3, after "upon" insert --being--.

Claim 25 (Amended), line 1, change "A" to --The--;

~~line 2, delete "said step of";~~

~~line 3, delete "a step of".~~

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